RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: $\frac{10/541, 937}{\text{Source:}}$ Date Processed by STIC: $\frac{98/03/2005}{\text{D8}}$

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PCT

RAW SEQUENCE LISTING DATE: 08/03/2005 PATENT APPLICATION: US/10/541,937 TIME: 07:53:31

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             JOHNSON, Kory
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             HIGGS, Brandon
     7
             CASTLE, Arthur
     8
             ELASHOFF, Michael
    10 <120> TITLE OF INVENTION: Molecular Cardiotoxicology Modeling
    12 <130> FILE REFERENCE: 44921-5090-02-US
C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/541,937
C--> 14 <141> CURRENT FILING DATE: 2005-07-08
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Please Note:

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VERIFICATION SUMMARY

DATE: 08/03/2005 PATENT APPLICATION: US/10/541,937 TIME: 07:53:32

Input Set : D:\gl 5090 01 US.txt

Output Set: N:\CRF4\08032005\J541937.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application No L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date L:223 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:2280 L:722 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0 M:341 Repeated in SeqNo=16 L:742 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:60 M:341 Repeated in SeqNo=17 L:762 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0 M:341 Repeated in SeqNo=18 L:911 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:360 L:1013 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:420 M:341 Repeated in SeqNo=30 L:1055 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:480 M:341 Repeated in SeqNo=32 L:1161 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:600 $L\!:\!1186$ $M\!:\!341$ $W\!:$ (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:420 L:1210 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:300 M:341 Repeated in SeqNo=39 L:1259 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:480 L:1284 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:480 L:1309 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:540 L:1353 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:420 L:1376 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46 after pos.:360 M:341 Repeated in SeqNo=46 L:1403 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:480 L:1466 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:360 M:341 Repeated in SeqNo=50 L:1515 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:600 L:1564 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54 after pos.:600 M:341 Repeated in SegNo=54 L:1590 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:540 L:1811 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:540 M:341 Repeated in SeqNo=66 L:2144 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:83 after pos.:420 M:341 Repeated in SeqNo=83 L:2169 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84 after pos.:300 L:2216 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86 after pos.:480 M:341 Repeated in SeqNo=86 L:2242 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:87 after pos.:480 $L\!:\!2267$ $M\!:\!341$ $W\!:$ (46) "n" or "Xaa" used, for SEQ ID#:88 after pos.:420 L:2291 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:89 after pos.:420 M:341 Repeated in SeqNo=89 L:2400 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94 after pos.:480 L:2485 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:98 after pos.:600 L:2628 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:105 after pos.:480 L:2673 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107 after pos.:540 M:341 Repeated in SeqNo=107 L:2834 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:115 after pos.:480

VERIFICATION SUMMARY

DATE: 08/03/2005 TIME: 07:53:32

PATENT APPLICATION: US/10/541,937

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L:3226 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:135 after pos.:540 L:3852 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:168 after pos.:420 L:3916 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:171 after pos.:360 L:4080 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:180 after pos.:360